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(74) Agents: **QUINTERNO, Giuseppe et al.;** Jacobacci &
Partners S.p.A., Corso Regio Parco, 27, I-10152 Torino
(IT).

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(71) Applicant (*for all designated States except US*): **SISTEMI
SOSPENSIONI S.p.A** [IT/IT]; Viale Aldo Borletti 61/63,
I-20011 Corbetta (Milano) (IT).

(72) Inventors; and

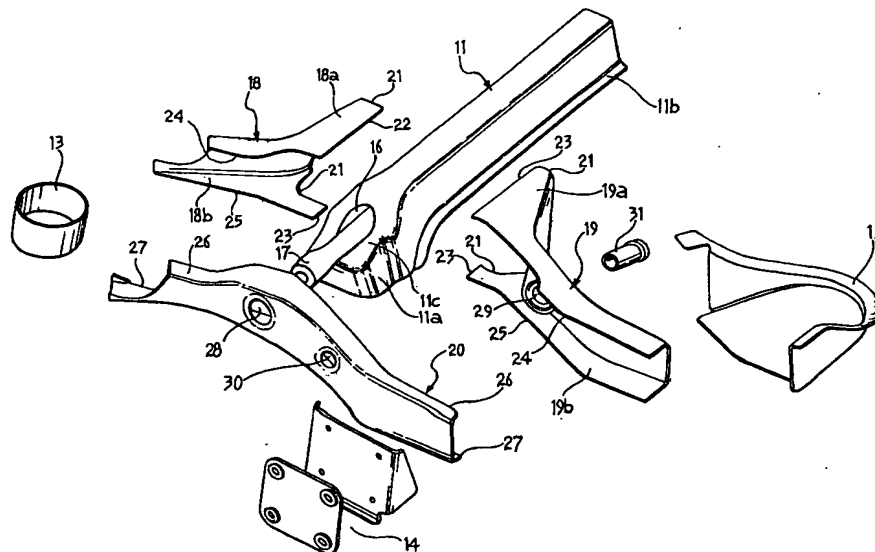
(75) Inventors/Applicants (*for US only*): **ALESSO, Guido,**
Sebastiano [IT/IT]; Via Gattinara, 22, I-12038 Savigliano
(IT). **BUSSOLINO, Daniele** [IT/IT]; Via San Rocco 4,
I-10060 (Torino) (IT).

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(54) Title: TWIST-BEAM AXLE FOR THE REAR SUSPENSION OF A MOTOR VEHICLE AND METHOD FOR ITS PRODUCTION



(57) Abstract: The twist-beam axle (10) comprises a central cross-member (11) compliant to torsion and a pair of trailing arms (12) fixed to side end portions (11a) of the cross-member (11) for articulated connection of the axle to the vehicle body and for support of the rear wheels. Each trailing arm (12) is formed by a pair of first, transversely inner half-shells (18, 19), that is, a front half-shell and a rear half-shell, respectively, securely connected to each other and to the respective end (11a) of the cross-member (11), and by a second transversely outer half-shell (20), securely connected to the pair of first half-shells (18, 19) so as to form therewith a structure having a closed cross-section.

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